

## Claims

1. A transdermal therapeutic system containing as essential features
- 5 a) a backing layer remote from the skin and impermeable for the active substance,
- b) at least one active substance depot,
- c) a matrix contacting the active substance depot and controlling the delivery of the active substance, and
- d) a pressure-sensitive adhesive fixing device for the therapeutic system on
- 10 the depot or the matrix or both containing support materials, wherein the support material consists of paper.
2. The transdermal therapeutic system as claimed in claim 1, wherein the active substance is one or more sexual hormones, nitroglycerine, scopolamine, particularly
- 15 however nicotine or a combination of sexual hormones.
3. A process for the improved production of a transdermal therapeutic system with reduced range of deviation of the amount of active substance applied, wherein the active substance is applied in conventional manner by means of a tampon to a
- 20 support material which consists of paper.
4. The process as claimed in claim 3, wherein the deviation of the amount of active substance applied is less than 2%, particularly below 1.2%.
- 25 5. The embodiment as claimed in one or more of claims 1-4, wherein the paper has a basis weight of from 9 to 60, preferably from 15 to 40 and particularly from 20 to 35 g/m<sup>2</sup>.
- 30 6. The use of paper as a support and distribution medium in a transdermal therapeutic system.

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All

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